

CLAIMS

1. An electro-acoustic transducer comprising
 - a magnetic circuit,
 - 5 a frame coupled with the magnetic circuit,
 - a diaphragm fixed to the frame at the circumference,
 - a voice coil attached to the diaphragm and disposed in part in the magnetic gap of magnetic circuit,
 - a terminal consisting of a sheet metal having spring property and electrical
 - 10 conductivity, electrically coupled with the voice coil, and
 - a stopper disposed on the reverse surface of the magnetic circuit for restricting the bending of the sheet metal constituting the terminal to be within the reversibility limit value of the metallic material.
2. The electro-acoustic transducer of claim 1, wherein
 - 15 the stopper is disposed on the reverse surface of the magnetic circuit's yoke.
3. The electro-acoustic transducer of claim 1, wherein
 - the stopper is disposed on the reverse surface of the magnetic circuit's lower plate.
4. The electro-acoustic transducer of claim 1, wherein
 - 20 the stopper is formed of either an elastic body or a rigid body.
5. The electro-acoustic transducer of claim 4, wherein
 - the elastic body is made of polymer material.
6. The electro-acoustic transducer of claim 5, wherein
 - the polymer material is at least one selected from among the group consisting of
 - 25 rubber, elastomer, urethane foam and foamed resin.
7. The electro-acoustic transducer of claim 4, wherein
 - the rigid body is made of either organic material or non-magnetic metallic

material.

8. The electro-acoustic transducer of claim 1, wherein

the stopper is formed of a laminar body which is made of at least two kinds of materials each having different coefficient of elasticity.

5 9. An electronic apparatus containing an electro-acoustic transducer, which transducer comprising

a magnetic circuit,

a frame coupled with the magnetic circuit,

a diaphragm fixed to the frame at the circumference,

10 a voice coil attached to the diaphragm and disposed in part in the magnetic gap of magnetic circuit,

a terminal consisting of a sheet metal having spring property and electrical conductivity, electrically coupled with the voice coil, and

a stopper disposed on the reverse surface of the magnetic circuit for restricting
15 the bending of the sheet metal constituting the terminal to be within the reversibility limit value of the metallic material.